

中国秋海棠属二新种*

谷粹芝

(中国科学院植物研究所 北京 100093)

Two new species of the *Begonia* L. (Begoniaceae) from China

KU Tsue-Chih

(Institute of Botany, the Chinese Academy of Sciences, Beijing 100093)

Key words *Begonia yishanensis* Ku; *Begonia luzhaiensis* Ku; New species; China

关键词 宜山秋海棠; 鹿寨秋海棠; 新种; 中国

1 宜山秋海棠 新种 图 1:3~4

Begonia yishanensis Ku, sp. nov. (Sect. *Coelocentrum* Irmsch.). Fig. 1:3~4

Habitu similis *B. guangxiensis* C. Y. Wu, quae rhizomate brevior haud repente, cyma plus florifera quater vel quinquies dichotoma, fructu cum alis puberulis differt. Etiam similis *B. sinoveitnamicae* C. Y. Wu, quae foliorum laminis supra sparse purpurello-hirsutis subtus ad nervos sparsissime villosis inconspicue minute albo-punctatis margine remote crenatis recedit.

Herba perennis. Rhizoma elongatum, superne repens, 5~7 mm diam., ad nodos squamis membranaceis late ovatis 7~9 mm longis 4~6 mm latis apice obtusis breviter aristatis margine dense aristato-denticulatis praeditum, internodiis sparsis usque ad 10 cm longis juventute villosis deinde glabris. Folia e rhizomate exeuntia, petiolata; laminae valde inaequilaterales, ambitu suborbiculares, circ. 4 cm longae, 4.5~5 cm latae, apice roundato-obtusae, basi obliquae latere angustiore rotundatae latere latiore rotundato-auriculatae, lobis 1.8 cm longis 3.8 cm latis, margine dense denticulatae, denticulis triangularibus apice aristis 0.8~1.2 mm longis ornatis, supra brunneo-virides, subtus pallidae, juventute utrinque dense crispe villosae, deinde sparse crispe villosae; petioli 3.2~4 cm longi, dense crispe villosi; stipulae caducae. Flos staminatus ignotus. Cyma pistillata e axilla folii prodians, sub fructu 9.5~12 cm longa, bis dichotoma, circ. 4-flora; pedunculus circ. 9.5 cm longus, cum ramis secundariis 5~10 mm longis glaber; pedicelli fructiferi 1~1.5 cm longi, penduli, glabri. Flos pistillatus; tepala 3, rubra (e collectore), 2 exteriora magna, 1 interius parvum, stylis 3 basi connatis; stigmata turgida, annularia, spinuloso-papillata. Fructus obconicus, 1.2~1.5 cm longus, glaber, inaequaliter 3-alatus, ala una majore 8~9 mm longa, eis duabus minoribus angustioribus glabris, placentis parietalibus 3, 2-fidis.

Guangxi(广西): Yishan(宜山), Gulong(古龙), fl. rubri, 1987-12-10, Exped. Yis-

* 国家自然科学基金资助项目,“三志”编研内容之一。

1999-02-06 收稿,1999-04-07 收修改稿。

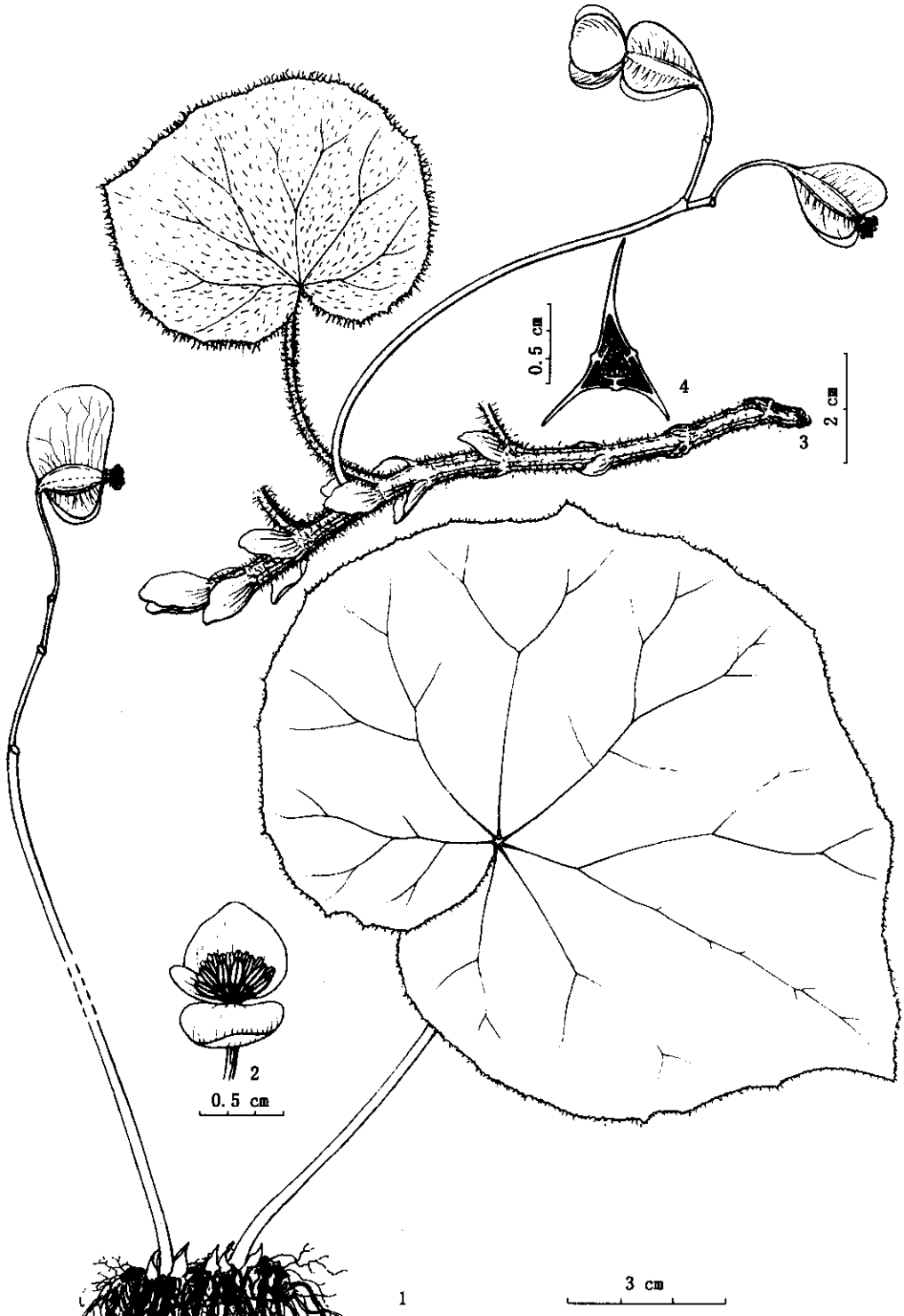


图1 1~2. 鹿寨秋海棠 1. 植株; 2. 雄花。3~4. 宜山秋海棠 3. 植株; 4. 果实横切面。(张泰利 绘)
 Fig.1 1~2. *Begonia luzhaiensis* Ku 1. Habit; 2. Male flower. 3~4. *B. yishanensis* Ku
 3. Habit; 4. Cross section of flower.

han 16426(holotypus, GXEM).

本种外形近似广西秋海棠 *B. guangxiensis* C. Y. Wu, 唯后者根状茎短, 不呈匍匐状; 花数较多, 呈 4~5 回二歧聚伞状; 果和翅均被短疏柔毛而不同。又和中越秋海棠 *B. sinoveitnamica* C. Y. Wu 相近似, 唯后者叶片上面散生极疏带紫色粗长硬毛, 下面沿脉被极疏长毛, 有不明显白色小斑点, 缘之齿疏而浅可以区别。

2 鹿寨秋海棠 新种 图 1:1~2

Begonia luzhaiensis Ku, sp. nov. (Sect. *Coelocentrum* Irmsch.). Fig. 1:1~2

Habitu similis *B. pseudodryadis* C. Y. Wu, quae floris staminati tepalis 4, floris pistillati tepalis 5, petiolis foliorum laminisqua glabris recedit.

Herba perennis. Rhizoma teres, circ. 13 mm diam., residuis stipularum squamiformium et radicibus fibrosis instructum. Folia omnia basalia, longe petiolata; laminae valde inaequilaterales, ambitu late ovatae vel suborbiculares, 8~11 cm longae, 12 cm latae, apice caudato-acuminatae, basi profunde cordatae, margine dense crenatae, crenis apice aristatis, saepe lobulatae, supra intense virides, glabrae vel ad nervos sparsissime hispidae, subtus viridulae, ad nervos prominentes sparse hispidae, palmatim 7~8-nerves; petioli 5~19 cm longi, rubro-brunnei, sparse sed prope apicem densius hirsuti; stipulae membranaceae deciduae. Scapus usque ad 24 cm longus, glaber; cyma ter quaterve dichotomo-ramosa, 8~12-flora, pedunculo circ. 18 cm longo, ramis glabris primariis circ. 2 cm longis, secundariis circ. 1 cm longis; bractae caducae; pedicelli 8~15 mm longi, sub fructu 18 mm longi glabri. Flos staminatus: tepala 3, alba 2 exteriora late ovata, 6~7 mm longa, 7~8 mm lata, apice obtusa, 1 interius oblongum, circ. 4 mm longum, apice obtusum, basi cuneatum; stamina numerosa, filamentis circ. 1.2 mm longis, antheris oblongis filamentis aequilongis. Flos pistillatus: tepala alba, 2(?); pistillum e carpellis tribus compositum, ovario glabro, placentae lobis duobus(?), stylis tribus basi connatis, stigmatibus annularibus vel capitatis. Capsula pendula, ambitu ellipsoidea, circ. 8 mm longa, glabra, inaequaliter 3-alata, ala una majore oblongo-elliptica, circ. 1.3 cm longa 1.1 cm lata apice obtusa, alis duabus minoribus lunulatis circ. 5 mm longis apice rotundatis. Semina numerosa, minuta.

Guangxi(广西): Luzhai(鹿寨), 1992-09-19, Z. Y. Li(李振宇) et L. Q. Li(李良千)1992-1(holotype, PE).

本种外形近似假厚叶秋海棠 *B. pseudodryadis* C. Y. Wu, 唯后者雄花被片 4; 雌花被片 5; 叶柄和叶片均无毛而不同。